



JCO41 Rec'd PCT/PTO 07 JUN 2001

PCT #3

PATENT APPLICATION

Serial No. 09/763,822

Atty. Docket No. 702-010272

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit Not Yet Assigned :
In re application of : **TRANSGENIC AMORPHA-4,**
Thorvald Eelco WALLAART et al. : **11-DIENE SYNTHESIS**
Serial No. 09/763,822 :
Filed August 27, 1999 :

Pittsburgh, Pennsylvania
June 4, 2001

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

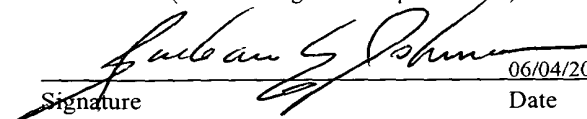
Sir:

Pursuant to the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits this Information Disclosure Statement which includes a completed Form PTO-1449. The references identified in Form PTO-1449 were cited in the International Search Report for the underlying PCT Application No. PCT/EP99/06302. Copies of the International Search Report and the references are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on June 4, 2001.

Barbara E. Johnson, Registration No. 31,198

(Name of Registered Representative)

 06/04/2001
Signature Date

Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By


Barbara E. Johnson

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Sheet 1 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 702-010272	SERIAL NO. 09/763,822
	APPLICANT Thorvald Eelco WALLAART et al.	
	FILING DATE August 27, 1999	GROUP Art Unit Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	9 4 0 0 5 8 4	01/06/1994	WIPO				
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	Brodellus, P. et al., "Metabolic Engineering of Plant Secondary Metabolism: a Tool to Improve the Productivity of Plant Cell Cultures?" <u>Abstract Papers of the American Chemical Society</u> , p. AGFD026, abstract, April 1997
	AR	Woerdenbag, H.J. et al., "Progress in the Research of Artemisinin-Related Antimalarials: an Update", <u>Pharmacy World and Science</u> , Vol. 16, No. 4, pp. 169-180, August 5, 1994
	AS	Van Geldre, E. et al., "State of the art of the Production of the Antimalarial Compound Artemisinin in Plants", <u>Plant Molecular Biology</u> , Vol. 33, No. 2, pp. 199-209, 1997

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 702-010272	SERIAL NO. 09/763,822
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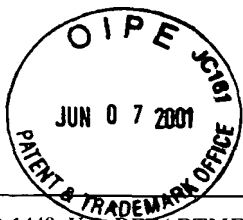
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Wallaart, T.E. et al., "Bioconversion of Dihydroarteannuinic Acid into the New Antimalarial Drug Artemisinin", <u>Pharmacy</u>
	<u>World and Science</u> , Vol. 16, No. 3, P. C4, abstract, 1994
AR	Vergauwe, A. et al., "Agrobacterium tumefaciens-mediated Transformation of <i>Artemisia annua</i> L. and Regeneration of Transgenic Plants", <u>Plant Cell Reports</u> , Vol. 15, No. 12, pp. 929-933, 1996
AS	Matsushita, Y. et al., "Cloning and Analysis of a cDNA Encoding Farnesyl Diphosphate Synthase from <i>Artemisia annua</i> ", <u>Gene</u> , Vol. 172, No. 2, pp. 207-209, June 26, 1996

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Sheet 3 of 3FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	Brodelius, P., "Metabolic Engineering of Secondary Metabolism in Vanilla Planifolia and Artemisia annua", <u>Book of Abstracts</u> 211 th ACS National Meeting, abstract, March 24-28, 1996
	AR	Park, C. et al., "Expression, Secretion, and Processing of Rice alpha-Amylase in the Yeast <i>Yarrowia lipolytica</i> ", <u>Journal of Biological Chemistry</u> , Vol. 272, No. 11, pp. 6876-6881, 1997
	AS	Chang, C. et al., "Improvement of Heterologous Protein Prouctivity Using Recombinant <i>Yarrowia lipolytica</i> and Cyclic Fed-Batch Process Strategy", <u>Biotechnology and Bioengineering</u> , Vol. 59, No. 3, pp. 379-385, 1998

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